



RISA

Regional Integrated Sciences
and Assessments

Regional Integrated Sciences and Assessments (RISA)

FY21 Federal Funding Opportunity

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World-class Science | Local Solutions | National Impact



Outline

1. Introduction to the RISA Program
2. Competition 1 Overview
3. Key Information for Submitting LOIs



NOAA'S MISSION: SCIENCE, SERVICE & STEWARDSHIP

To understand and predict changes in climate, weather, oceans, and coasts,
To share that knowledge and information with others, and
To conserve and manage coastal and marine ecosystems and resources



SCIENCE & TECHNOLOGY ENTERPRISE

A holistic understanding of the earth system through research

Accurate, reliable data from integrated Earth observations

An integrated environmental modeling system

Improved scientific understanding
Assessments identify impacts, inform decisions
Mitigation, adaptation choices supported
A climate-literate public

CLIMATE ADAPTATION & MITIGATION

RESILIENT COASTAL COMMUNITIES & ECONOMIES

Resilient coastal communities
Ocean and coastal planning, management
Safe, sound, efficient marine transportation
Improved coastal water quality
Safe, sound Arctic access, management

Reduced loss of life, property, disruption
Improved freshwater management
Transportation efficiency, safety
Healthy people, communities
Productive, efficient economy

WEATHER READY NATION

HEALTHY OCEANS

Improved understanding of ecosystems
Recovered, healthy species
Healthy habitats sustain resources, communities
Sustainable fisheries, safe seafood

ENGAGEMENT ENTERPRISE

An engaged, educated public for informed environmental decisions

Integrated services for evolving demands of regional stakeholders

International partnerships and policy leadership

NOAA'S VISION OF THE FUTURE:

RESILIENT ECOSYSTEMS, COMMUNITIES & ECONOMIES

Healthy ecosystems, communities, and economies
that are resilient in the face of change

Diverse, evolving workforce

Modern information technology

Modern, safe, sustainable facilities

A high performing organization

ORGANIZATION & ADMINISTRATION ENTERPRISE



NOAA Research (OAR)

Conduct research to understand and predict the Earth system; develop technology to improve NOAA science, service, and stewardship; and transition the results so they are useful to society.

- **Climate Program Office (CPO)**
 - **Climate & Societal Interactions (CSI)**
 - Earth System Science and Modeling Division (ESSM)
 - Communication, Education, and Engagement Division (CEE)
 - National Integrated Drought Information System (NIDIS)
 - National Integrated Heat Health Information System (NIHHIS)
- National Sea Grant Office
- Weather Program Office
- Staff Offices (International, Communications, Policy, etc.)
- Laboratories (Geophysical Fluid Dynamics (GFDL), Earth Systems Research (ESRL) Great Lakes Environmental Research (GLERL), National Severe Storms (NSSL))
- Cooperative Institutes <https://ci.noaa.gov/Locations>

Regional Integrated Sciences and Assessments (RISA) Program

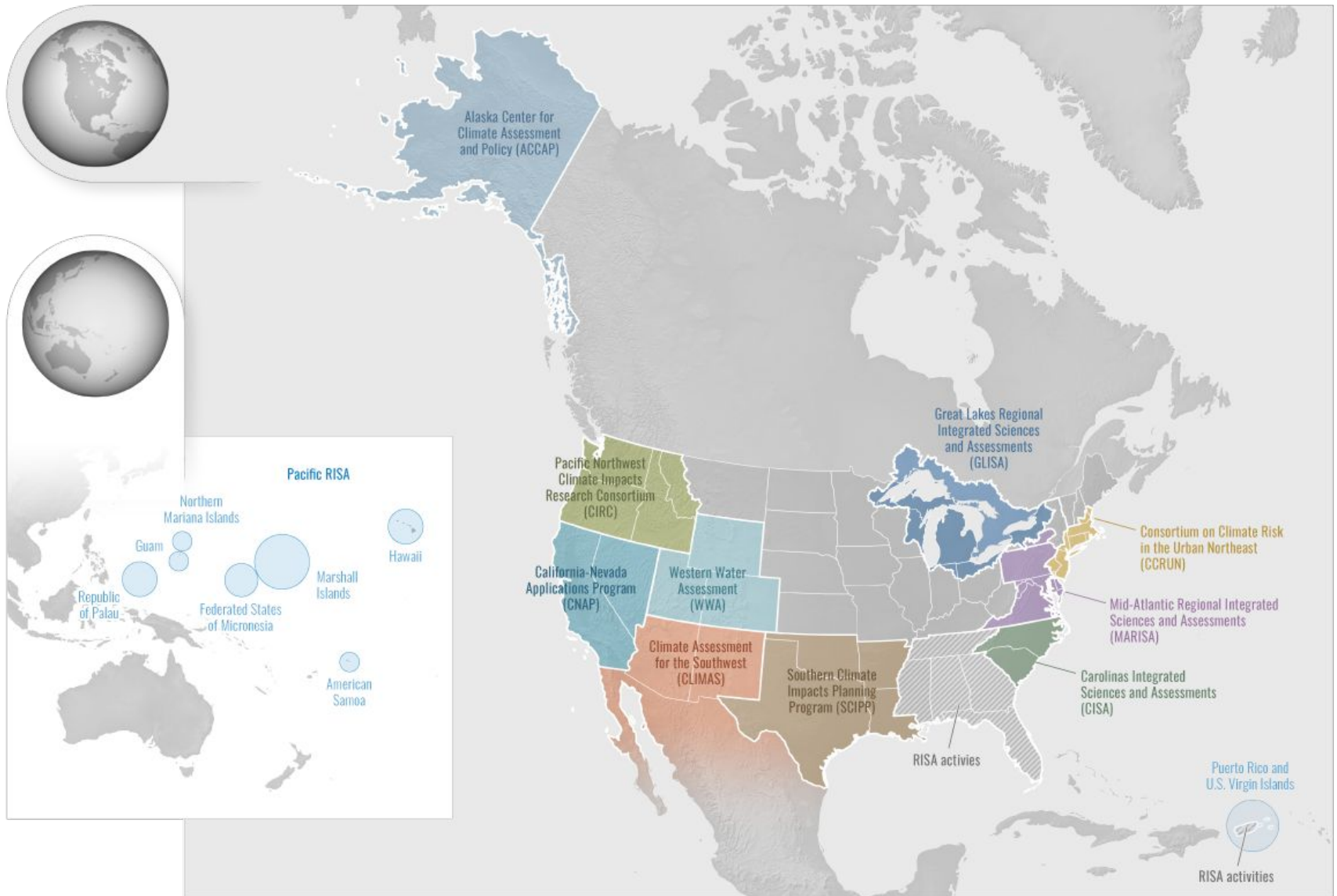
RISA helps build the knowledge, expertise and ability to plan and prepare for climate variability and change.



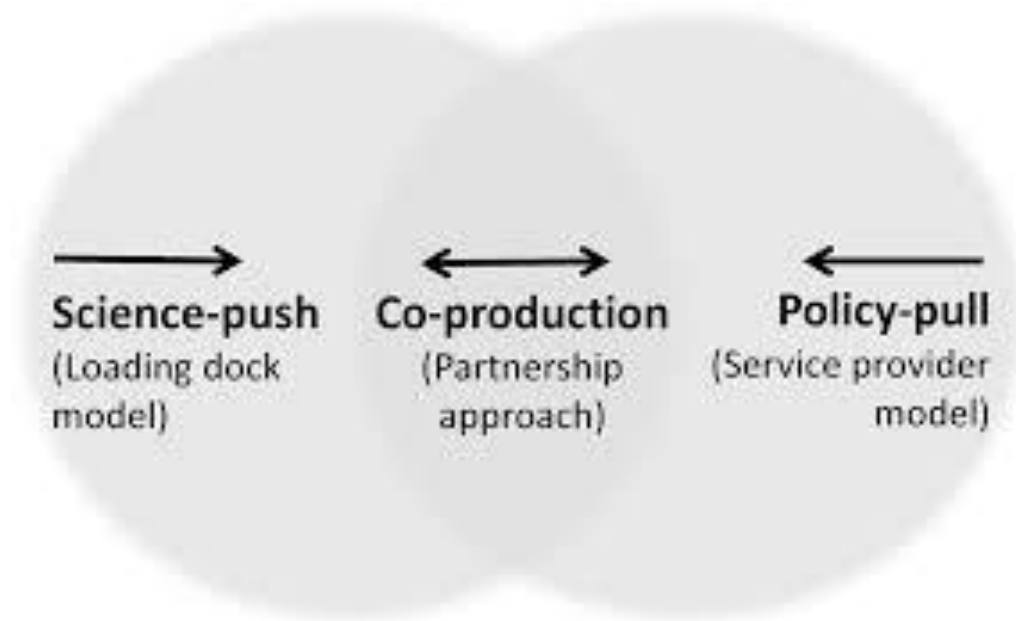
Central to achieving the RISA mission are:

- Regional Relevance, Local Expertise
- Integrated Scientific Approaches
- Knowledge to Action Partnerships
- A National Network of Resilience Researchers and Adaptation Science Specialists

Regional Teams



Engaging Stakeholders and Decision Makers through Best Practices



Dunn et al. 2018



Science for Decision-Making

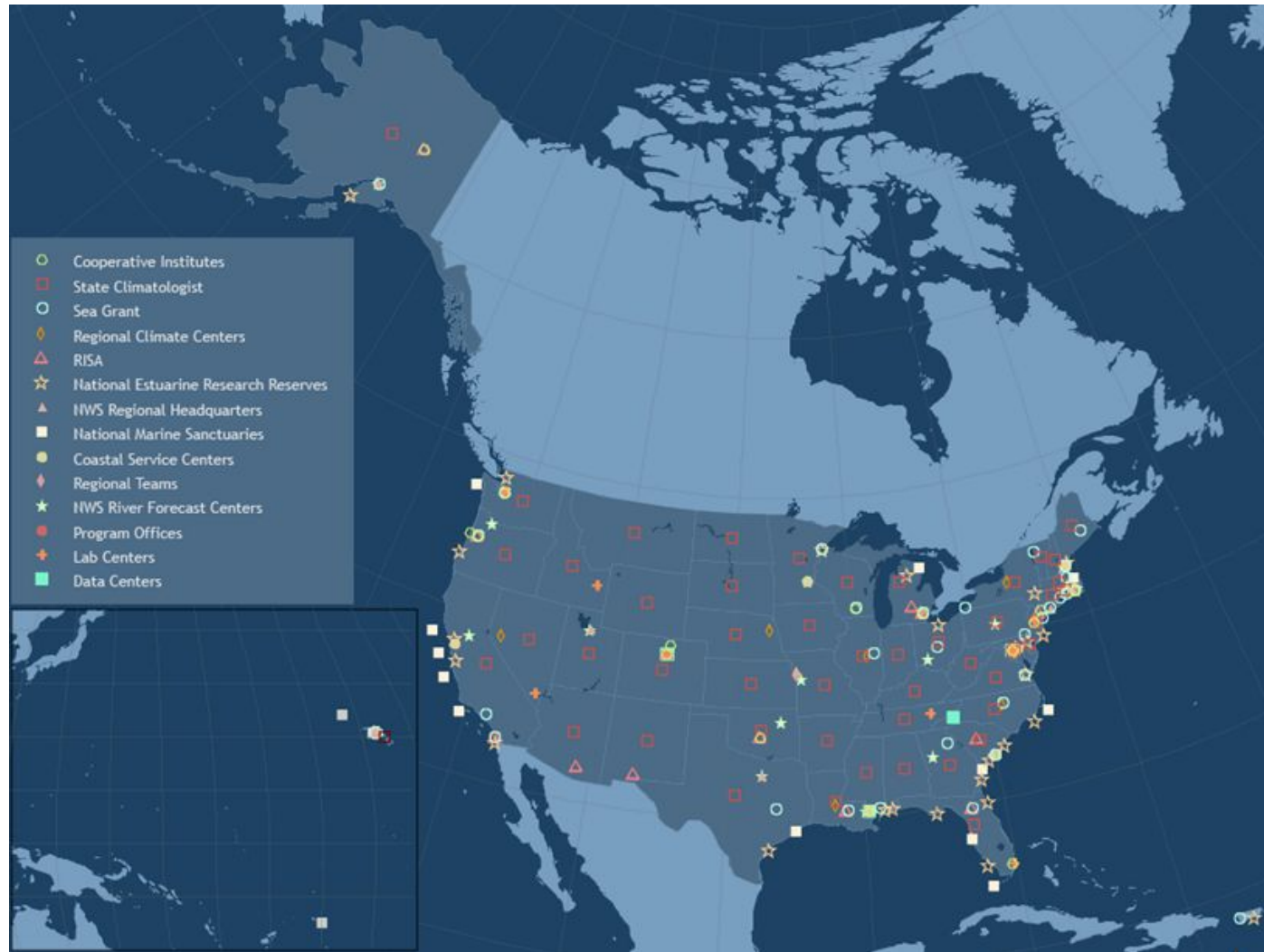
Credible, Cutting Edge,
Decision-Relevant Research

Informing Decisions through
collaborative research and
engagement

Training &
Awareness-Building



Regional and Interagency Partners



NOAA In Your State www.legislative.noaa.gov/NIYS/

Being Part of a National Network

- Learning amongst a community of peers: dialogues, workshops, and communication material
- Sharing knowledge, methods, tools and expertise across geographies, including at times through shared projects
- Exploring ways to advance the RISA approach, act as a network, and build partnerships that enhance the network



FY21 Competition 1

- Main part of the competition: core RISA regional research and engagement work
- Supplement for Sustained Assessment Specialist
- Supplement for small grants competition focused on working with organizations who support under-resourced communities

FY21 Competition 1

The following are the nine regions being competed:

1. Northeast: New York, New Jersey, Connecticut, Massachusetts, Rhode Island
2. Mid-Atlantic: Delaware, District of Columbia, Maryland, Pennsylvania, Virginia, West Virginia
3. Intermountain West: Colorado, Utah, Wyoming
4. Carolinas: North Carolina, South Carolina
5. Great Lakes: Illinois, Michigan, Wisconsin, Indiana, Ohio
6. Alaska
7. Pacific Islands: Hawaii and U.S. affiliated Pacific islands and territories
8. South Central: Texas, Oklahoma, Arkansas, Louisiana
9. Pacific Northwest: Washington, Oregon, Idaho



Strong RISA Proposals

- Provide actionable scientific information on climate variability and change at the scale decision-makers need for short- and long-term planning
- Apply knowledge to action, providing high priority research, services, and practices to serve respective regions and our nation
- Use a transdisciplinary science approach from leadership through project design and implementation
- Include strong program management and interaction/integration across the team
- Evaluate progress of project outputs and regional adaptation outcomes
- For further information on key characteristics of impactful RISA teams see: <https://www.cpo.noaa.gov/risa/risa-team-structure>



RISA Supports

- Collaborative approaches that incorporate multiple knowledge sources and integrate social, physical, and natural science, resulting in long-term support of and increased capacity for communities
- Interconnected projects across a team that integrate multiple stressors/hazards and societal issues relevant to a region
- Collaborative, iterative engagements between RISA teams and regional stakeholders
- Projects might include relevance across multiple regions and have potential for scalability
- The principles of justice, equity, diversity, and inclusion in proposals and performance of work



Topics Supported By Other OAR Programs and thus not RISA

- Foundational physical climate science (including climate modeling, downscaling, and projections, unless unique regional need can be demonstrated effectively)
- Improvements in forecasting and forecast systems
- Support for funded regional early warning systems (e.g. RDEWs)



Supplements (Competition 1)

- **Sustained Assessment Specialist Supplement**
 - work with the successful RISA team to improve regional climate assessment activities,
 - connect regional knowledge and networks with National Climate Assessment (NCA) efforts.
- **Small Grant Competition Supplement**
 - connect RISA climate expertise with that of local community organizations whose mission and proven expertise engages, empowers, and serves under-resourced and vulnerable communities to improve the well-being of their populations
 - while funding would go to community organizations, the competition should outline a collaborative model with a clear role for RISA

Available Funding

Core RISA work: \$600,000 - \$700,000/year for 5 years


Sustained assessment specialist supplement: applicants can propose up to an additional \$100,000-\$135,000/year for one position for five years

Small-grants competition supplement: \$160,000 total for the five-year period

Total proposed cost for the five-year proposal should not exceed \$4,335,000.



Submitting an LOI and Proposal



Letters of Intent (LOI) are due 5pm ET,
December 9, 2020 via email to



oar.cpo.risa@noaa.gov



Full Proposals are due 5pm ET, February 16,
2021 via grants.gov



Faxed or emailed copies cannot be accepted for
full proposals



Letter of Intent

- LOIs are not required but helpful to proposal development
- Purpose: Reviewed for competition fit
- Components – see page Section IV.B of the NOFO
- 2 pages (concise summary)
- Will receive a response within four weeks of submission

Full Proposal

- Grants.gov – make sure all of your accounts (Grants.gov, System for Award Management) are up to date well in advance of the submission deadline
- All applicants must have a DUNS number
- Components – start on page 13 of the NOFO

Additional Information

1. Download and read thoroughly:

Full FFO:

<https://www.grants.gov/web/grants/view-opportunity.html?oppld=329767>

RISA information sheet:

<https://cpo.noaa.gov/Portals/0/Grants/2021/RISA-Information-Sheet-FY21.pdf>

2. We will be periodically updating FAQ on website

3. Second webinar or Q&A after LOIs are received:

Tuesday, January 12, 2021 at 3:00 PM ET / 12:00 PM PT.

Questions?

Web Site: cpo.noaa.gov/RISA

RISA Storymap: cpo.noaa.gov/risa/GrowingRISA

Contact: oar.cpo.risa@noaa.gov